

# METHOD AND APPARATUS FOR RECONSTRUCTION OF IMAGES IN PARALLEL MRI SYSTEMS

## Abstract of Disclosure

A parallel Magnetic Resonance Imaging (MRI) system is provided for reconstructing images, to enable accelerated MRI with minimal artifacts. The MRI system comprises an array of magnetic resonance (MR) coils arranged in an array for detecting a plurality of MR signals, each coil having a corresponding spatial sensitivity profile and a processing means for processing the plurality of MR signals with at least one filter bank to reconstruct at least one image.

## Figures